

CHAPTER Env-A 1400 REGULATED TOXIC AIR POLLUTANTS

PART Env-A 1450 TABLE CONTAINING THE LIST NAMING ALL REGULATED TOXIC AIR POLLUTANTS

Env-A 1450.01 Table Containing the List Naming all Regulated Toxic Air Pollutants.

(a) Pursuant to Env-A 1411.01, the list naming all regulated toxic air pollutants and other information shall be as set forth in table 1450-1, below:

Table 1450-1

CAS Number	Description	Toxicity Class ^A	24-Hr AAL (µg/m ³)	Annual AAL ^B (µg/m ³)	24-Hr <i>De Minimis</i> ^C (lbs/day)	Annual <i>De Minimis</i> (lbs/yr)
0 – 00 – 0	<i>Glycol ethers not otherwise regulated</i> ^G					<i>E</i>
0 – 00 – 0	Wood Dust (Hard Woodswestern red cedar) (See Env-A 1450.01(b))	II	3.6 2.5	2.4 1.7	0.028 0.02	10 7
0 – 00 – 0	Wood Dust (Soft Woodsoak and beech) (See Env-A 1450.01(b))	I	18 3.6	12 2.4	0.14 0.03	51 10
0 – 00 – 0	<i>Wood Dust (birch, mahogany, teak, and walnut)</i> (See Env-A 1450.01(b))	I	3.6	2.4	0.03	10
0 – 00 – 0	<i>Wood Dust (all other species)</i> (See Env-A 1450.01(b))	III	15	9.9	0.1	43
106 – 94 – 5	<i>1-Bromopropane</i>	III	2096	499	0.1	6017
109 – 99 – 9	Tetrahydrofuran	II	2968 742	1979 494	23 5.8	8519 2130
115 – 90 – 2	Fensulfothion	I	0.36 0.04	0.24 0.02	0.0028 0.0003	1.0 0.1
124 – 64 – 1	<i>Tetrakis (hydroxymethyl) phosphonium chloride</i>	II	10	6.7	0.08	29
1303 – 00 – 0	<i>Gallium arsenide</i>	I	0.001	0.001	0.00001	0.003
1303 – 96 – 4	Borate <i>compounds</i> , (<i>Borax</i>) - tetra, sodium salts, Anhydrous <i>inhalable fraction</i>	I	3.6 7.1	2.4 4.8	0.028 0.06	10 21
1303 – 96 – 4	Borates, tetra, sodium salts, Decahydrate	II	25	17	0.20	72
1303 – 96 – 4	Borates, tetra, sodium salts, Pentahydrate	I	3.6	2.4	0.028	10

Table 1450-1

CAS Number	Description	Toxicity Class ^A	24-Hr AAL (µg/m ³)	Annual AAL ^B (µg/m ³)	24-Hr <i>De Minimis</i> ^C (lbs/day)	Annual <i>De Minimis</i> (lbs/yr)
1330 – 43 – 4	<i>Borate compounds (sodium tetraborate)-inhalable fraction</i>	<i>I</i>	<i>7.1</i>	<i>4.8</i>	<i>0.06</i>	<i>20</i>
2426 – 08 – 6	n-Butyl glycidyl ether (<i>BGE</i>)	I	475 57	317 38	3.7 0.4	1364 164
3383 – 96 – 8	Temephos	II	50 5.0	34 3.4	0.40 0.04	144 14
3689 – 24 – 5	Sulfotep (<i>TEDP</i>)	I	0.71 0.4	0.48 0.2	0.0056 0.003	2.1 1.02
7664 – 39 – 3	Hydrogen fluoride, <i>as F</i>	I	8.2 1.5	5.5 1.0	0.065 0.01	24 4.2
10043 – 35 – 3	<i>Borate compounds (boric acid)- inhalable fraction</i>	<i>I</i>	<i>7.1</i>	<i>4.8</i>	<i>0.06</i>	<i>21</i>
12179 – 04 – 3	<i>Borate compounds (sodium borate pentahydrate)- inhalable fraction</i>	<i>III</i>	<i>83</i>	<i>20</i>	<i>0.7</i>	<i>238</i>
55566 – 30 – 8	<i>Tetrakis (hydroxymethyl) phosphonium sulfate</i>	<i>I</i>	<i>7.1</i>	<i>4.8</i>	<i>0.06</i>	<i>21</i>

Footnote:

^A Toxicity Classification as classified in Env-A 1406, in general:

Toxicity Class I: Classification established pursuant to Env-A 1406.02.

Toxicity Class II: Classification established pursuant to Env-A 1406.03.

Toxicity Class III: Classification established pursuant to Env-A 1406.04.

^B Ambient air limit.

^C *De minimis* values were calculated using non-rounded AALs. The AALs and *de minimis* values represented in this table are rounded to whole numbers or 2 significant figures if less than 10.

^D The compounds comprising “Aliphatic hydrocarbon gases: Alkane C1-C4 (measured as butane)” are: CAS Number 8006-14-2, Natural gas; CAS Number 74-98-6, Propane; CAS Number 75-28-5, Isobutane; CAS Number 106-97-8, Butane; CAS Number 74-84-0, Ethane; and CAS Number 68476-85-7, Liquid petroleum gas. The AALs for “Aliphatic hydrocarbon gases: Alkane C1-C4 (measured as butane)” are for emissions of any individual compound if only one compound is emitted, or for any mixture of compounds if more than one is present.

^E Denotes regulated toxic air pollutants which have data limitations preventing derivation of AALs in accordance with Env-A 1411.

^F The isomers comprising “pentyl acetate” are: CAS Number 123-92-2, Isoamyl acetate; CAS Number 620-11-1, 3-Amyl acetate; CAS Number 624-41-9, 1-Butanol, 2-methyl-, acetate; CAS Number 625-16-1, Tert-Amyl acetate; CAS Number 626-38-0, Sec-Amyl acetate; and CAS Number 628-63-7, n-Amyl acetate. The AALs for pentyl acetate are for emissions of any individual isomer if only one isomer is emitted, or for any mixture of isomers if more than one is present.

^G Glycol ether compounds, as defined in section 112(b) of the 1990 Clean Air Act Amendments and not otherwise regulated as regulated toxic air pollutants.

Amend Env-A 1450.01(b), effective 2-4-05 (Document #8278), to read as follows:

(b) AALs and *de minimis* values for “wood dust (~~*western red cedar*~~ ~~soft wood~~),” “***wood dust (oak & beech)***,” “***wood dust (birch, mahogany, teak, walnut)***” and “wood dust (~~*all other species*~~ ~~hardwood~~)” in table 1450-1 shall apply only to emissions from sanding operations at sources belonging to Major Group 24 or 25 as described in the Standard Industrial Classification Manual, 1987, and assigned by EPA the following Source Classification Code (SCC) numbers: 30700702, 30700806, 30700807, 30702003, 30703096, 30703097, 30703098, and 30703099.

APPENDIX

Provision of Proposed Rule	Specific State Statute the Rule is Intended to Implement
Env-A 1450.01	RSA 125-I:4, I, II, III, IV and V